1st ICGR-GnRH CONGRESS

ICGR-IV Modena 2017

International Conference on Gonadotropins and Receptors

12th International Symposium on GnRH

The hypothalamic-pituitary-gonadal axis in cancer and reproduction

MODENA - ITALY 2017

20th - 23rd September

Complesso S. Geminiano Via S. Geminiano, 3



PRELIMINARY PROGRAM

Scientific Committee

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Manuel Tena Sempere (Spain)

Alfredo Ulloa-Aguirre (Mexico)

Jacques Young (FR)

Location:

Complesso S. Geminiano Via S. Geminiano. 3 - Modena

This is an old monastery, currently the seat of Juristic Faculty of the University with lecture rooms. Located in the city center, at 200 mt from the medieval cathedral and Piazza Grande.

How to reach Modena:

Airport: International Airport Guglielmo Marconi Bologna (BLQ) (www.bologna-airport.it), 35 Km from Modena.

Train connections to Modena every 20 min, bus connection every two hours

ICGR-IV 2017 and 12th GnRH Symposium Modena, Italy, 20-23 September 2017

Program

Wednesday, 20 September 2017

14.00 Registration

16.00 Opening Ceremony

16.15 SYMPOSIUM I - NOVEL REGULATORY MECHANISMS OF THE REPRODUCTIVE BRAIN

Control of GnRH neurons by microRNAs

Control of Kiss I neurons by microRNAs: Implications for puberty

Epigenetics and the control of the reproductive brain

Gonadotropin inhibitory hormone

17.45 "BERNARD ZONDEK" INAUGURAL PLENARY LECTURE

The control of ovarian cycle from "Prolan A" to "KNDy neurons" *Bruno Lunenfeld (Ramat Gan, Israel)*

18.45 Welcome cocktail

Thursday, 21 September 2017

09.00 SYMPOSIUM II - NEW ASPECTS ON GONADOTROPIC FUNCTION I

Development of GnRH-secreting neurons from human pluripotent stem cells

Circadian regulation of gonadotropin receptors in female reproduction

Development of neurons controlling fertility; novel role of AMH

09.45 PLENARY LECTURE II

The Michael P. CONN Memorial Lecture GnRHR-mediated signaling

- 11.15 Break and poster session
- 11.30 Oral communication I 4 short talks
- 12.30 Lunch
- 13.30 Oral communication II 4 short talks

14.30 SYMPOSIUM III - NEW ASPECTS OF GONADOTROPIC ACTION 2

Anti-FSH antibodies for cell signaling studies

Small molecule allosteric modulators of gonadotropin action

New aspect of gonadotropins' combination in ART

16.00 Break and poster session

16.15 SYMPOSIUM IV - BIASED SIGNALING AND DI/OLIGOMERIZATION

GPCR transactivation and di/oligomerization in mice models

Differences between LH- and hCG-mediated signaling

 β -arrestins/G α i protein and biased signaling

17.45 PLENARY LECTURE III

Update on glycosylation in FSH-FSHR interaction and signaling

Friday, 22 September 2017

09.00 SYMPOSIUM V - HYPOGONADOTROPIC HYPOGONADISM AND MINI-PUBERTY

Mini-puberty and hypogonadotropic hypogonadism

Genetics of precocious puberty

Genetics of delayed puberty

09.45 PLENARY LECTURE IV

GPCR crystallization

- 11.15 Break and poster session
- 11.30 Oral communication III 4 short talks
- 12.30 Lunch
- 13.30 Oral communication II 4 short talks

14.30 SYMPOSIUM VI - TRANSGENIC MODELS

Genetic mice models of LH receptor

Gonadotropin signaling in zebra fish

Transgenic models of gonadotropin action

16.00 Break and poster session

16.15 SYMPOSIUM VII - EXPANDING TARGETS OF FSH ACTION

Novel FSH signaling mechanisms in PCOS

Extragonadal FSH action revisited

Spermatogenesis without testosterone; novel functions of FSH

17.45 PLENARY LECTURE V

New dynamics of GPCR intracellular signaling

Saturday, 23 September 2017

09.00 SYMPOSIUM VIII - GONADOTROPIN RECEPTORS AS MODELS OF GPCR ACTION

Gonadotropin receptor trafficking and signaling

In silico analyses of GPCR functions

Gonadotropin receptors trafficking

10.30 Break

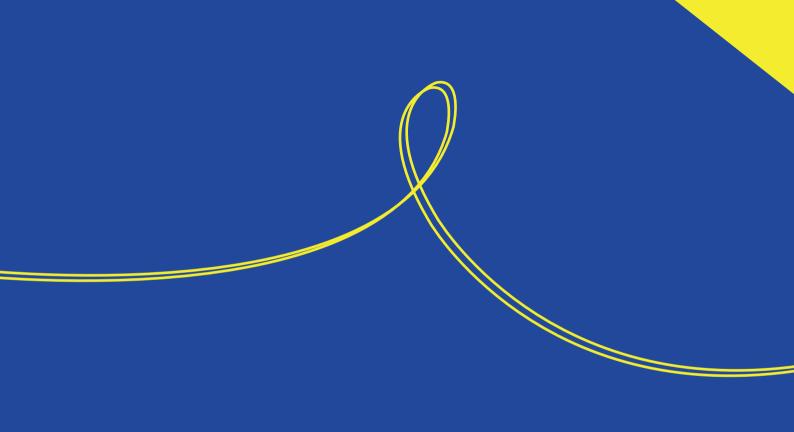
10.45 SYMPOSIUM IX

Deciphering genetic co-founders of the FSH and LH Signaling Network

 $Gs\alpha\text{-}cAMP\text{-}linked$ disorders: current view and open issues

Persistent cAMP Signaling by Internalized LH Receptors in Ovarian Follicles

12.15 Closing ceremony



ORGANIZING SECRETARIAT

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